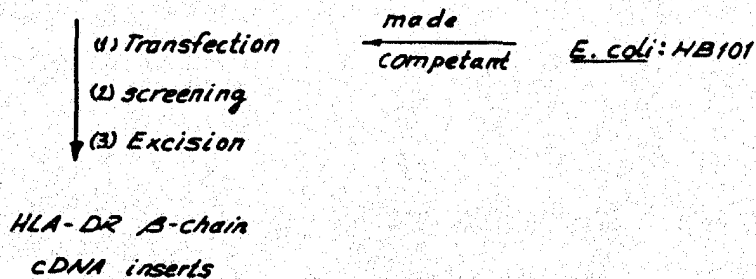
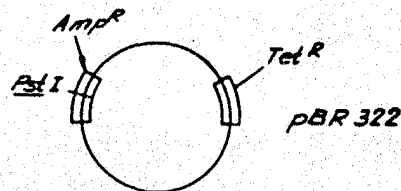
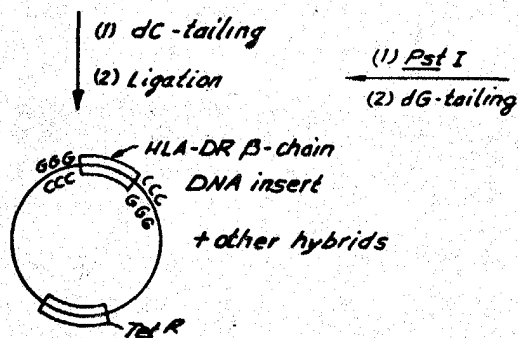


FIG. 2



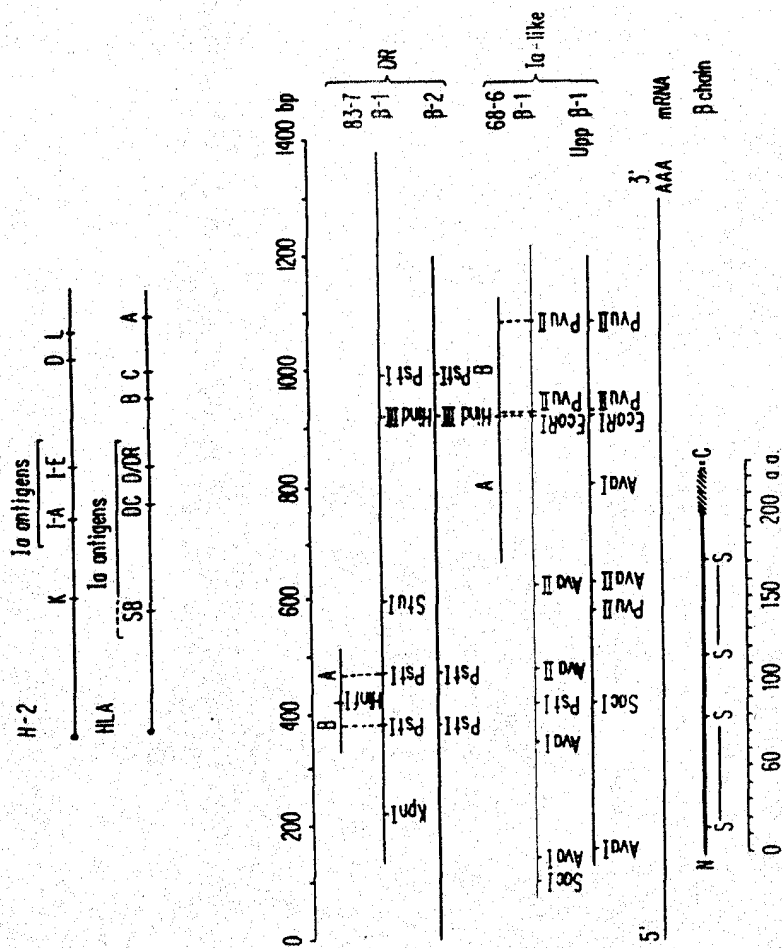
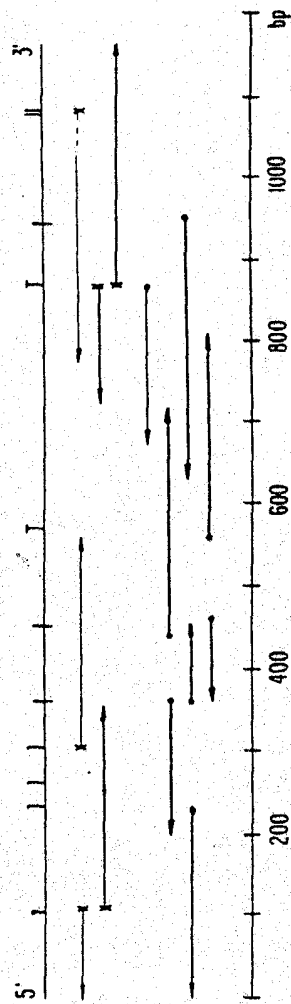


FIG. 3

FIG. 5



-29		M	V	C	L	
(G) _n	CTCCTCTGGCCCTGGTCCCTGTCTCTCTCCAGC	ATG	GTG	TGT	CTG	47
K	L P G G S S L A A L T V T					
AAG	CTC CCT GGA GGC TCC AGC TTG GCA GCG TTG ACA GTG ACA					89
L M V L S S R L A F A G D T						
CTG	ATG GTG CTG AGC TCC CGA CTG GCT TTC GCT GGG GAC ACC					131
R P R F L E L L K S E C H F						
CGA	CCA CGT TTC TTG GAG CTG CTT AAG TCT GAG TGT CAT TTC					173
F N G T E R V R F L E R H F						
TTC	AAT GGG ACG GAG CGG GTG CGG TTC CTG GAG AGA CAC TTC					215
H N Q E E Y A R F D S D V G						
CAT	AAC CAG GAG GAG TAC GCG CGC TTC GAC AGC GAC GTG GGG					257

FIG. 5A

50
 E Y R A V R E L G R P D A E
 GAG TAC CGG GCG GTG AGG GAG CTG GGG CGG CCT GAT GCC GAG 299

 60
 Y W N S Q K D L L E Q K R G
 TAC TGG AAC AGC CAG AAG GAC CTC CTG GAG CAG AAG CGG GGC 341

 80
 Q V D N Y C R H N Y G V V E
 CAG GTG GAC AAT TAC TGC AGA CAC AAC TAC GGG GTT GTG GAG 383

 90
 S F T V Q R R V H P Q V T V
 AGC TTC ACA GTG CAG CGG CGA GTC CAT CCT CAG GTG ACT GTG 425

 110
 Y P A K T Q P L Q H H N L L
 TAT CCT GCA AAG ACC CAG CCC CTG CAG CAC AAC CTC CTG 467

 120
 V C S V S G F Y P G S I E V
 GTC TGC TCT GTG AGT GGT TTC TAT CCA GGC AGC ATT GAA GTC 509

FIG. 5B

210

FIG. 5C

220
 G A G L F I Y F R N Q K G H
 GGG GCC GGG CTG TTC ATC TAC TTC AGG AAT CAG AAA GGA CAC 803

 230
 S G L Q P T G F L S
 TCT GGA CTT CAG CCA ACA GGA TTC CTG AGC TGA AGTGCAGATGA 847
 CAATTAAAGGAAGAAATCTTCTTCCCCAGCTTTGCAGGATGAAAAAGCTTTCCCGCC 902
 TGGCTGTTATTCTTCCACGAGAGAGGGCTTTCTCAGGACCTAGTTGCTACTGGTT 957
 CAGCAACTGCAGAAAAATGTCCCTTGTGGCTTCCCTCAGTTCCCTGCCCTTGGCC 1012
 TGAAGTCCCAGCATTGATGGCAGCGCCTCATCTTCAACTTTTGTGCTCCCCCTTTG 1067
 CCTAAACCCTATGGCCTCCTGTGCATCTGTACTCACCCTGTACCACAAACACATT 1122
 ACATTATTAAATGTTTCTCAAAGATGGAGTTAAAAAAA(C)_n 1160

FIG. 5D

	S				S
	10	20	40	60	
DR 4, 6	GOTRPRFLELLKSECHFFNGT	RVFLERHFHINQEEYARFDS	DVGEYRAVRELGRPD	AEYWN	SQKOLLEQKRGQVCNYC
DR 2, 2	-----WQP-R-----	O-Y-Y-----	SV-----	F-T-----	I--A-AA--T--
DC	R-SPED-VYQF-GM-Y-T-----	LVS-SIY-R--VV-----	F--TL--L-A-----	I--R--AA--RV-	

FIG. 6A

	80		100
DR4,6		RHNYGVVESFTVQRRVHPQVTVYPAKTQPLQHHNLLV	
DR2,2		-----Q-K-----S-----	
DC		-----QLELRT-L-----E-T--IS-SR-EA-N-----	

FIG. 6B

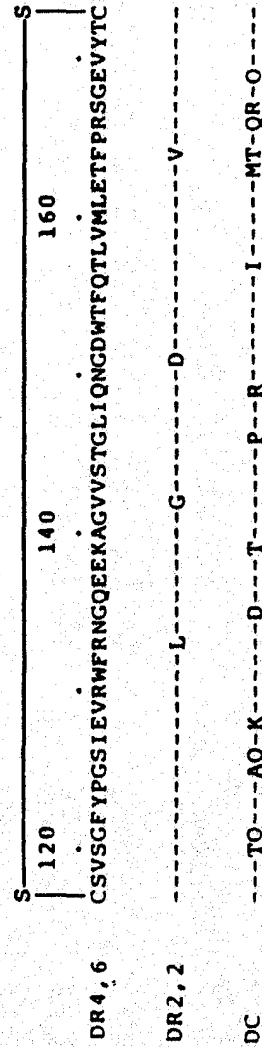


FIG. 6C

	180	200	220
DR 4, 6	QVEHPSVTSP	PLTVESARS	ESAQSKM LSCVGGFVLGLLLFLGAGLFIYF RNQKGHSGLQPTGFLS
DR 2, 2	-----R-----		
DC	H-----LQ--I-----R-Q-----	-----I-----I-----L--I--HH	-S----LLH

FIG. 6D

FIG. 7

A GTT CTC CCT GAG TGA GAC TCA CCT GCT CCT CTG GCC CCT GGT CCT GTG CTC CTG TTC TCC AGC ATG GTG G TGT CTG AAG TTC CCT GGA 85

6
GGC TCC TGC ATG GCA GCT CTG ACA GTG ACA CTG ATG GTG GTG L¹ V¹ I¹ V¹ I¹ M¹ V¹ L¹ S¹ S¹ P¹ L¹ A¹ L¹ A¹ L¹ D¹ T¹ R¹ P¹ R¹ F¹ L¹ 172

10
GAG CAG GTT AAA CAT GAG TGT CAT TTC AAC GGG ACC GAG CCG GTG CGG TTC CTG GAC AGA TAC TTC TAT CAC CAA GAG GAG TAC 259

40
V R⁴⁰ F⁴⁰ D⁴⁰ S⁴⁰ D⁴⁰ V⁴⁰ G⁴⁰ E⁴⁰ Y⁴⁰ R⁴⁰ A⁴⁰ V⁴⁰ A⁴⁰ G⁴⁰ GTG GCG GTG ACG GAG CTG GGG CCG CCT GAT GCC GAG TAC TGG AAC AGC CAG AAG GAC 346

70
L⁷⁰ L⁷⁰ E⁷⁰ GAG CAG AAG CCG GCC GCG GTG GAC ACC TAC TGC AGA CAC AAC TAC GGG CTT GGT GAG AGC TTC ACA GTG CAG CCG CGA GTC 433

100
Y P¹⁰⁰ E¹⁰⁰ V¹⁰⁰ I¹⁰⁰ V¹⁰⁰ Y¹⁰⁰ P¹⁰⁰ A¹⁰⁰ K¹⁰⁰ I¹⁰⁰ Q¹⁰⁰ P¹⁰⁰ L¹⁰⁰ CTG CAG CCC CTG CAG CAC CAC AAC CTG CTC GTG GTC TGC TCT GTG AAT GGT TTC TAT CCA 520

130
G S¹³⁰ L¹³⁰ E¹³⁰ V¹³⁰ R¹³⁰ H¹³⁰ F¹³⁰ R¹³⁰ M¹³⁰ G¹³⁰ Q¹³⁰ G¹³⁰ CAG GGC CAG GAA GAG AAG ACT GGG GTG GTG TCC ACA GGC CTG ATC CAG AAT GGA GAC TGG 607

160
 T F Q T L V M L E I V P R S G E V Y T C Q V E H P S L 180
 ACC TTC CAG ACC CTG ATG CTG GAA ACA GTT CCT CGG AGT GGA GAG GTT TAC ACC TGC CAA GTG GAG CAC CCA AGC CTG ACG AGC 694
 190
 P L I V E W R A R S E S A Q S K M L S G V G G F V L G L L 210
 CCT CTC ACA GTG GAA TGG AGA GCA CGG TCT GAA TCT GCA CAG AGC AAG ATG CTG AGT GGA GTG GGG GGC TTC GTG CTG GGC CTG CTC 781
 220
 F L G A G L F L Y F R N Q K G H S G L Q P I G F L S 237
 TTC CTT GGG GCC GGG CTG TTC ATC TAC TTG AGG AAT CAG AAA GGA CAC TCT GGA CTT CAG CCA ACA GGA TTC CTG AGC TGA AGT GAA 868
 240
 GAT GAC CAC ATT CAA GGA AGA ACC TTC TGC CCC AGC TTT GCA GGA TGA AAC ACT TCC CCG CTT GGC TCT CAT TCT TCC ACA AGA GAG 955
 250
 ACC TTT CTC CGG ACC TGG TTG CTA CTG GTT CAG CAG CTC TGC AGA AAA TGT CCT CCC CTT TGC CTA ATG CTT CCT GCG TCC CAT GCA TCT GTA 1042
 260
 TGA AGT CCC AGC ATT AAT GGC AGC CCC TCA TCT TCC AAG TTT TGT GCT CCC CTT TAC CTA ATG CTT CCT GCG TCC CAT GCA TCT GTA 1129
 270
 CTC CTG CTG TGC CAC AAA CAC ATT ACA TTA TTA AAT GTT TCT CAA ACA TGG AGT TAA AAA AAA AAA AAA AAA AAA AAA 1215

FIG. 8

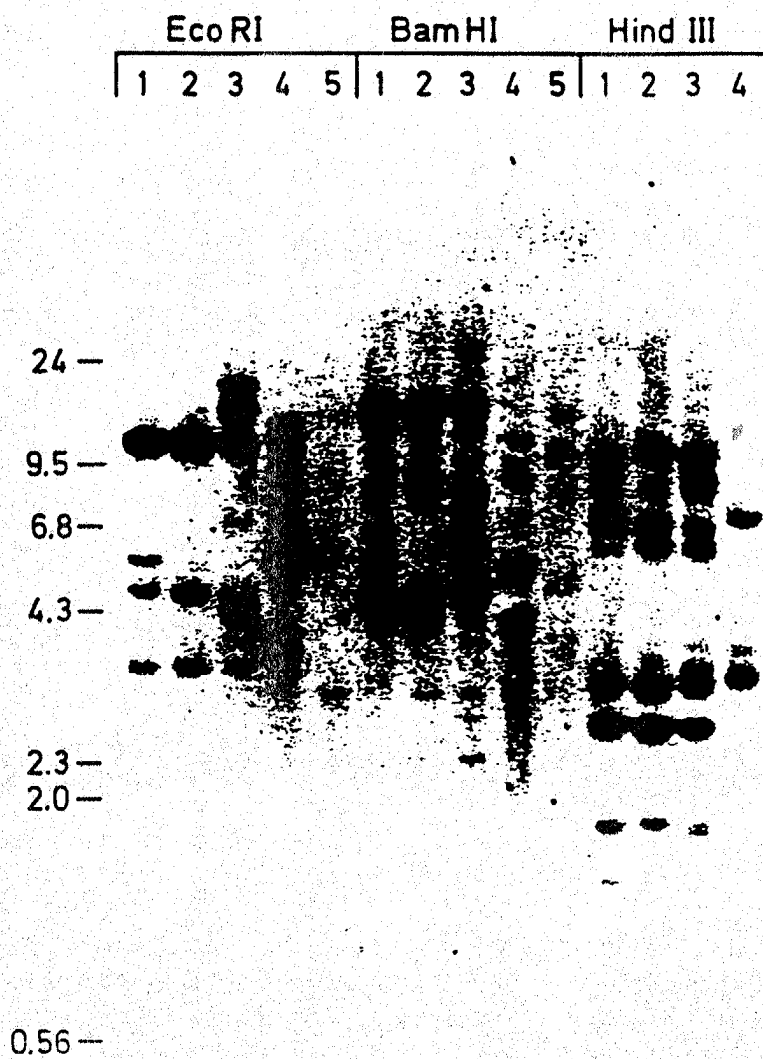


FIG. 9

Region I

AA	8	9	10	11	12	13	14
	L	E	L	L	K	S	E
HLA-DR- β -A	TTG GAG CTG CTT AAG TCT GAG						
HLA-DR- β -	TTG GAG CAG GTT AAA CAT GAG						
	L	E	Q	V	K	H	E

Region II

AA	26	27	28	29	30	31	32
	F	L	E	R	H	F	H
HLA-DR- β -A	TTC CTG GAG AGA CAC TTC CAT						
HLA-DR- β -	TTC CTG GAC AGA TAC TTC TAT						
	F	L	D	R	Y	F	Y

Region III

AA	72	73	74	75	76	77	78
	R	G	Q	V	D	N	Y
HLA-DR- β -A	CGG GGC CAG GTG GAC AAT TAC						
HLA-DR- β -	CGG GCC GCG GTG GAC ACC TAC						
	R	A	A	V	D	T	Y